DEC Under the spen	2 9 2005 E	1995, no person are i	required to res	U.S. Patent a	and Trademark Off of information unle	fice; U.S. DEPA ess it displays a	7/31/2006. OMB ARTMENT OF Co a valid OMB cont	DMMERCE
Under the Paper	OF THE PARTY				Complete	E II KIIOWI		
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).						Patent#: 6,888,155 [32		
FEE TRANSMITTAL				Filing Date Is		sued: May 3, 2005		
				First Named Inventor Meri		Helms		
For FY 2005				xaminer Name	Mondt	Mondt		
Applicant claims small entity status. See 37 CFR 1.27				Art Unit 2826				
TOTAL AMOUNT OF PAYMENT (\$) 100.00				Attorney Docket	ocket No. M4065.0457/P457-B			
METHOD OF P	AYMENT (check	all that apply)	<u> </u>		1idoutifult			
Check X Credit Card Money Order None Other (please identify): Dickstein Shapiro Morin & Oshinsky LLP								
X Deposit Acco	unt Deposit Account	Number: <u>04-1073</u>	Deposit Accou				OSTIITISKY LI	
For the ab	ove-identified dep	osit account, the	Director is I	nereby authorize	ed to: (check all	that apply)		
	rge fee(s) indicate			Charge	e fee(s) indicate	ed below, ex	cept for the	filing fee
Charge any additional fee(s) or underpayment of								
Cha fee(rge any additional s) under 37 CFR	1.16 and 1.17			uny 010.p=,			
FEE CALCULA								
1. BASIC FILING	SEARCH, AND	XAMINATION F	EES			יסא בבבכ		
	F	ILING FEES	SEA	RCH FEES	EXAMINAT	mall Entity		
	ne Fee (Small Entity \$) Fee (\$)	/ Fee <u>(\$)</u>	Small Entity Fee (\$)	Fee (\$)	Fee (\$)	Fees Pai	d (\$)
Application Typ	<u>ree 1</u> 300		500	250	200	100		
Utility	200		100	50	130	65		
Design	200		300	150	160	80		
Plant			500	250	600	300		
Reissue	300		0	0	0	0		
Provisional	200	100	v	•			S	mall Entity
2. EXCESS CLAIM FEES Fee (\$)								
Fee Description	20 (including Rei					50	25	
Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues)							200	100
		,				360	180	
Multiple dependent claims Total Claims Extra Claims Fee (\$) Fee				Paid (\$) Multiple Depe				
<u>Total Claims</u>	Extra etailite	x =			Fee (<u>\$)</u>	Fee Paid (\$)	
		·						-
Indep. Claims	Extra Claims	Fee (\$)	Fee !	Paid (\$)				
	- =	× =						
3. APPLICATIO				(avaluding alac	tronically filed	l sequence o	r computer	
If the specifica	N SIZE FEE tion and drawings er 37 CFR 1.52(e)	exceed 100 shee	ets of paper	e is \$250 (\$125	for small enti	ty) for each	additional 50	b
listings und	er 37 CFR 1.52(e) action thereof. Se	e 35 U.S.C. 41(a	1 \$120 fee di	37 CFR 1.16(s)).	• •		
			ber of each	additional 50 or fr	action thereof	Fee (\$)	<u>Fee P</u>	aid (\$)
round up to a whole number) x =								
Fees Paid (\$)								
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)								
Other (e.g., late filing surcharge): 1811 Certificate of correction 100.00								
	ato ming out that	\text{\tin}}\text{\tin}\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\}\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	/					
SUBMITTED BY	,	To X		Registration No.	28,371	Telephone	(202) 82	8-2232
Signature	Jul -			(Attorney/Agent)		Date	December	29, 2005
Name (Print/Type)	Thomas J. Ď'A	mico		•				



Docket No.: M4065.0457/P457-B

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of: Kristy A. Campbell

Patent No.: 6,888,155 B2

Issued: May 3, 2005

For: STOICHIOMETRY FOR CHALCOGENIDE

GLASSES USEFUL FOR MEMORY

DEVICES AND METHOD OF FORMATION

REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 C.F.R. §§ 1.322 & 1.323

Attention: Certificate of Correction Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the Specification, the USPTO made the following errors:

Column 2, line 65, "(1n(x₂44.4)" should read --(1n(x₂/44.4)--;

Column 4, line 42, "region I" should read --region II--;

Column 5, line 16, "+3.231]" should read --+3.23]--;

Column 7, line 62, "R" should read --R2--;

12/30/2005 SZEWDIE1 00000004 6888155

01 FC:1811

100.00 OP

DSMDB.1995322.1

Docket No.: M4065.0457/P457-B

Column 8, line 53, "Ge2Se77" should read --Ge23Se77--; and

Column 9, line 43, "Ge23Se7" should read --Ge23Se77--.

In the Specification, Applicant made the following error:

Column 2, line, 39, "doped of" should read --doped to--.

In the Claims, the USPTO made the following errors:

Claim 2, column 10, line 49, "wherein is" should read --wherein x is--;

Claim 2, column 10, line 53, "electrodes to separated" **should read** -- electrodes separated--; **and**

Claim 3, column 10, line 58, "to and" should read --to 40 and--.

In the <u>Other Publications</u> section of <u>References Cited</u>, the USPTO made the following errors:

"Bernede, J. C.; Abachl, T., Differential negative resistance in metal/insulator/metal structures with an upper bilayer electrode, Thin solid films 131 (1985) L61-L64."

Should read:

--Bernede, J.C.; Abachi, T., Differential negative resistance in metal/insulator/metal structures with an upper bilayer electrode, Thin solid films 131 (1985) L61-L64.--; and

DSMDB.1995322.1

Patent No.: 6,888,155 \(\beta\)2 Docket No.: M4065.0457/P457-B

""Photoluminescence and Distribution of Tg Values in th GexSe1-x System ", by Margit Koos and Istvan Kosa Somogyi, Journal of Non-Crystalline Solids 77 & 78 (1985), pp. 1145-1148."

Should read:

--"Photoluminescence and Distribution of Tg Values in the GexSe1-x System", by Margit Koos and Istvan Kosa Somogyi, Journal of Non-Crystalline Solids 77 & 78 (1985), pp. 1145-1148.--.

In the <u>Other Publications</u> section of <u>References Cited</u>, Applicant made the following error:

""Dual Chemical Role of Ag as an Additive in Chalcogenide Glasses", by M. Mitkova, Yu Wang and P. Boolchand, Physical Review Letters, vol. 83, No. 19, Nov. 8, 1999, pp. 38483851."

Should read:

--"Dual Chemical Role of Ag as an Additive in Chalcogenide Glasses", by M. Mitkova, Yu Wang and P. Boolchand, Physical Review Letters, Vol. 83, No. 19, Nov. 8, 1999, pp. 3848-3851.--.

The errors were made primarily by the PTO although just two errors were found in the application as filed by Applicant. Please charge our Credit Card in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination. Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Patent No.: 6,888,155 B2 Docket No.: M4065.0457/P457-B

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0457/P457-B.

Dated: December 29, 2005

Respectfully)submitted,

Thomas J. D'Amico

Registration No.: 28,371

Ryan H. Flax

Registration No.: 48,141

DICKSTEIN SHAPIRO MORIN &

OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page _1_ of _2

(Also Form PTO-1050)

PATENT NO.

6,888,155 BZ

APPLICATION NO.

10/603,670

ISSUE DATE

May 3, 2005

INVENTOR(S)

Kristy A. Campbell

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification the following errors are corrected:

Column 2, line, 39, "doped of" should read --doped to--;

Column 2, line 65, " $(1n(x_244.4))$ " should read -- $(1n(x_2/44.4))$ --;

Column 4, line 42, "region I" should read --region II--;

Column 5, line 16, "+3.231]" should read --+3.23]--;

Column 7, line 62, "R" should read -- R2--;

Column 8, line 53, "Ge₂Se₇₇" should read --Ge₂₃Se₇₇--; and

Column 9, line 43, "Ge₂₃Se₇" should read --Ge₂₃Se₇₇--.

In the Claims, the following errors are corrected:

Claim 2, column 10, line 49, "wherein is" should read --wherein x is--;

Claim 2, column 10, line 53, "electrodes to separated" should read --electrodes separated--;

and

Claim 3, column 10, line 58, "to and" should read --to 40 and--.

Approved for use through 04/30/2007. OMB 0651-0033
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office. U.S. Defend the U.S. Defend the U.S. Defend the U.S. Patent and Trademark Office. U.S. Defend the U.S. Defen

In the Other Publications section of References Cited, the following errors are corrected:

"Bernede, J. C.; Abachl, T., Differential negative resistance in metal/insulator/metal structures with an upper bilayer electrode, Thin solid films 131 (1985) L61-L64."

Should read:

- --Bernede, J.C.; Abachi, T., Differential negative resistance in metal/insulator/metal structures with an upper bilayer electrode, Thin solid films 131 (1985) L61-L64.--;
- ""Photoluminescence and Distribution of Tg Values in th GexSe1-x System ", by Margit Koos and Istvan Kosa Somogyi, Journal of Non-Crystalline Solids 77 & 78 (1985), pp. 1145-1148."

Should read:

- -- "Photoluminescence and Distribution of Tg Values in the GexSe1-x System ", by Margit Koos and Istvan Kosa Somogyi, Journal of Non-Crystalline Solids 77 & 78 (1985), pp. 1145-1148.--; and
- ""Dual Chemical Role of Ag as an Additive in Chalcogenide Glasses", by M. Mitkova, Yu Wang and P. Boolchand, Physical Review Letters, vol. 83, No. 19, Nov. 8, 1999, pp. 38483851."

Should read:

--"Dual Chemical Role of Ag as an Additive in Chalcogenide Glasses", by M. Mitkova, Yu Wang and P. Boolchand, Physical Review Letters, Vol. 83, No. 19, Nov. 8, 1999, pp. 3848-3851.--.

MAILING ADDRESS OF SENDER (Please do not use customer number below): Thomas J. D'Amico DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP 2 2101 L Street NW Washington, DC 20037-1526 DSMDB.1995390.1